

ABSTRACT OF THE DISCLOSURE

Hot dip coating apparatus for coating a steel strip in an Al-Zn alloy bath comprises components that are made from stainless steel containing an appreciable amount of nitrogen distributed substantially uniformly through its microstructure. The nitrogen is incorporated into the stainless steel as an alloy additive and improves the steel's corrosion resistance and minimizes pitting and thinning of the component when immersed in the metal bath for extended periods.